

WHAT IS CLAIMED IS:

1. An information reproducing and recording apparatus comprising:

5 a reproducing unit which reproduces program information recorded on a first recording medium;

a recording unit which records program information onto a second recording medium; and

10 a controller which controls both of the reproducing unit and the recording unit,

wherein the controller comprise:

15 an information recording determining device which compares management information corresponding to the program information recorded on the first recording medium and management information corresponding to the program information recorded on the second recording medium, and determines whether or not the management information on the first recording medium is present on the second recording medium;

20 an attribute information acquiring device which acquires attribute information in relation to the program information in cases where it is determined that the management information on the first recording medium is not present on the second recording medium;

25 an attribute information recording determining device which determines, by referring a database having history information including attribute information in relation to the program information recorded on the second recording medium, whether or not the acquired attribute information is present in the database; and

30 an information recording controlling device which controls, in cases where it is determined that the attribute information is not present on the database, both the reproducing unit and the recording unit in order to record the program

information recorded on the first recording medium onto the second recording medium.

2. The information reproducing and recording apparatus  
5 according to claim 1, wherein the information recording  
controlling device, in cases where it is determined that the  
attribute information is not present on the database, controls  
so that the program information recorded on the first recording  
medium is recorded on the second recording medium and stores the attribute  
10 information in relation to the program information recorded on  
the second recording medium onto the database as history  
information.

3. The information reproducing and recording apparatus  
15 according to claim 1, wherein the attribute information acquiring  
device acquires the attribute information, in cases where it  
is determined that it is possible to acquire the attribute  
information, and

wherein the information recording controlling device  
20 controls both of the reproducing unit and the recoding unit so  
that the program information recorded on the first recording  
medium is recorded on the second recording medium, in cases where  
it is determined that it is impossible to acquire the attribute  
information.

25 4. The information reproducing and recording apparatus  
according to claim 1, wherein the attribute information includes  
a plurality of types of information in relation to the program  
information,

30 the attribute information recording determining device  
determines, by referring the database, whether or not, of the  
plurality of types of information included in the acquired  
attribute information, either a predetermined one type of

information or a combination of the two or more types of information is present in the database, and

the information recording controlling device controls both of the reproducing unit and the recoding unit so that the  
5 program information recorded on the first recording medium is recorded on the second recording medium, in cases where it is determined that either the predetermined one type of information or the combination of the two or more types of information is not present in the database.

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5. The information reproducing and recording apparatus according to claim 1, wherein the first recording medium has a plurality of program information, and

the information recording controlling device, in  
15 controlling both of the reproducing unit and the recording unit so that, of the plurality of types of program information recorded on the first recording medium, program information of which attribute information is determined not to be present in the database is recorded on the second recording medium, mutually  
20 relates the program information and particular program information of the plurality of types of program information, the particular program information having already been recorded on the second recording medium.

25 6. A method of reproducing program information recorded on a first recoding medium and recording program information onto a second recording medium, comprising the processes of:

comparing management information corresponding to the program information recorded on the first recording medium and  
30 management information corresponding to the program information recorded on the second recording medium, and determining whether or not the management information on the first recording medium is present on the second recording medium;

acquiring attribute information in relation to the program information in cases where it is determined that the management information on the first recording medium is not present on the second recording medium;

5       determining, by referring a database having history information including attribute information in relation to the program information recorded on the second recording medium, whether or not the acquired attribute information is present in the database; and

10       recording the program information recorded on the first recording medium onto the second recording medium, in cases where it is determined that the attribute information is not present on the database.

15       7.       An information recorded medium wherein a program for computer which reproduces program information recorded on a first recording medium and records program information onto a second recording medium, is recorded so as to be read by the computer, the program makes the computer function as:

20       comparing management information corresponding to the program information recorded on the first recording medium and management information corresponding to the program information recorded on the second recording medium, and determining whether or not the management information on the first recording medium  
25       is present on the second recording medium;

acquiring attribute information in relation to the program information in cases where it is determined that the management information on the first recording medium is not present on the second recording medium;

30       determining, by referring a database having history information including attribute information in relation to the program information recorded on the second recording medium, whether or not the acquired attribute information is present

in the database; and

recording the program information recorded on the first  
recording medium onto the second recording medium, in cases where  
it is determined that the attribute information is not present  
5 on the database.